

SUMMARY REPORT

Client: OHM Remediation Services Corp.
 Project: Bayonne Barrel & Drum - 16441
 Lab Case No: 10940-1851

	Lab ID: 1851-01	1851-02	1851-03	1851-04
	Client ID: WST01	WST03	WST04	WST10
	Matrix: Liquid	Liquid	Solid	Solid
PARAMETER (Units)				
TCL Volatiles (ppb)				
Chloromethane	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
Acetone	ND	ND	ND	3660 J
Carbon disulfide	ND	ND	2320000 J	ND
Vinyl acetate	ND	2190000 J	ND	1550 J
Methylene chloride	ND	1810000 JB	1970000 JB	852 JB
trans-1,2-Dichloroethene	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND
2-Butanone (MEK)	66400	ND	ND	2220 J
Chloroform	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	43800000	ND	3450
Carbon tetrachloride	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
Benzene	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND
Methyl Isobutyl Ketone (MIBK)	ND	ND	ND	ND
Toluene	6900	36500000	33300000	13400
trans-1,3-Dichloropropene	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	817 J
2-Hexanone	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
Ethylbenzene	2930 J	7390000	6160000	6290
Total Xylenes	22800	58700000	42800000	37300
Styrene	ND	ND	ND	8900
Bromoform	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND

ND = Analyzed for but Not Detected at the MDL.

J = Concentration detected below the MDL.

B = Indicates this analyte was found in the Blank and in the sample.

All qualifiers on individual Semivolatiles are carried down through the summation.

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PARAMETER (Units)				
TCL Semivolatiles (ppb)				
Phenol	123 J	7930	91800	ND
bis(2-Chloroethyl) ether	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND
Isophorone	ND	344	ND	ND
2-Nitrophenol	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND
bis(2-Chloroethoxy) methane	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND
Naphthalene	ND	312	46900	29600
4-Chloroaniline	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	11000	25500
Hexachlorocyclopentadiene	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND
4-Chlorophenyl-phenylether	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	33200
Anthracene	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	22800 J
Fluoranthene	ND	ND	ND	11800
Pyrene	ND	ND	ND	15100
Butylbenzylphthalate	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND
Benzo[a]anthracene	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ND	103 J	69000	441000
Di-n-octylphthalate	ND	ND	ND	ND
Benzo[b]fluoranthene	ND	ND	ND	ND
Benzo[k]fluoranthene	ND	ND	ND	ND
Benzo[a]pyrene	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	ND	ND	ND	ND
Dibenz[a,h]anthracene	ND	ND	ND	ND
Benzo[g,h,i]perylene	ND	ND	ND	ND

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	Matrix: Liquid	Liquid	Solid	Solid
PARAMETER (Units)				
TCL Pesticides (ppb)				
a-BHC	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND
Endrin	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND
TCL PCB's (ppb)				
Aroclor 1016	ND	ND	ND	ND
Aroclor 1221	ND	ND	ND	ND
Aroclor 1232	ND	ND	ND	ND
Aroclor 1242	ND	ND	ND	ND
Aroclor 1248	ND	ND	ND	ND
Aroclor 1254	ND	ND	ND	ND
Aroclor 1260	ND	ND	ND	ND

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	Matrix: Liquid	Liquid	Solid	Solid
	TCLP Matrix: Leachate	Leachate	Leachate	Leachate
PARAMETER (Units)				
TCLP Pesticides (ppm)				
gamma-BHC	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND
Endrin	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND
PCB's (ppb)				
Aroclor 1016	ND	ND	ND	ND
Aroclor 1221	ND	ND	ND	ND
Aroclor 1232	ND	ND	ND	ND
Aroclor 1242	ND	ND	ND	ND
Aroclor 1248	ND	ND	ND	ND
Aroclor 1254	ND	ND	ND	ND
Aroclor 1260	ND	ND	ND	ND
TCLP Metals (ppm)				
Arsenic	ND	ND	ND	0.049
Barium	2.50	2.30 J	ND	2.72
Cadmium	ND	ND	ND	0.88
Chromium	1.15	37.8	ND	0.27 J
Lead	28.6	221	3.55	0.54
Mercury	ND	0.039	ND	0.0338
Selenium	ND	ND	ND	ND
Silver	ND	ND	ND	ND

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	TCLP Matrix: Leachate	Leachate	Leachate	Leachate
PARAMETER (Units)				
TCLP Volatiles (ppm)				
Vinyl chloride	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
2-Butanone	2.77	ND	ND	0.687
Chloroform	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
Benzene	ND	14.6	0.106	ND
Trichloroethene	ND	ND	ND	ND
Tetrachloroethene	0.013	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
TCLP Semivolatiles (ppm)				
Pyridine	ND	ND	ND	ND
2-Methylphenol	ND	ND	1.39	0.108
Hexachloroethane	ND	ND	ND	ND
3+4-Methylphenol	ND	ND	0.908	0.146
Nitrobenzene	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND
TCLP Herbicides (ppm)				
2,4-D	ND	ND	ND	ND
Silvex	ND	ND	ND	ND
Herbicides (ppb)				
2,4-D	ND	ND	ND	ND
2,4-DB	ND	ND	ND	ND
2,4,5-T	ND	ND	ND	ND
Silvex	ND	ND	ND	ND
Dalapon	ND	ND	ND	ND
Dicamba	ND	ND	ND	ND
Dichloroprop	ND	ND	ND	ND
Dinoseb	ND	ND	ND	ND
MCPA	ND	ND	ND	ND
MCPFP	ND	ND	ND	ND

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	Matrix: Liquid	Liquid	Solid	Solid
PARAMETER (Units)				
TAL Metals (ppm)				
(including Molybdenum)				
*Aluminum	2.0	46	240	3000
Antimony	0.008 J	2.98	*ND	22.7
Arsenic	ND	ND	*ND	10.2
*Barium	0.41	4.6	170	7700
*Beryllium	ND	ND	ND	3.5
*Cadmium	0.072	ND	ND	160
*Calcium	55	45	86	6200
*Chromium	0.22	47	110	380
*Cobalt	ND	69	110	420
*Copper	0.72	20	5.6	1300
*Iron	38	82	250	26000
*Lead	2.0	420	880	4000
*Magnesium	4.1	ND	ND	1100
*Manganese	1.1	14	3.1	770
Mercury	0.0004 J	0.0518	*ND	177
*Nickel	0.064	ND	ND	200
*Potassium	3.2	ND	ND	390
Selenium	0.016	0.027	*ND	1.76
*Silver	ND	ND	ND	3.3
*Sodium	85	200	240	15000
Thallium	ND	ND	*ND	ND
*Vanadium	0.074	ND	ND	27
*Zinc	5.2	28	14	1400
*Molybdenum	0.10	9.6	22	47

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* Subcontracted results from Raytheon Engineers & Constructors, Inc.

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	Matrix: Liquid	Liquid	Solid	Solid
PARAMETER (Units)				
General Analytical				
Corrosivity as pH (S.U.)	7.88	4.45	5.66	10.51
Cyanide, reactive (ppm)	ND	0.10 J	9.74	4.99
Cyanide, total (ppm)	ND	0.15 J	23.8	5.36
Sulfide, reactive (ppm)	ND	ND	ND	ND
*Sulfide, total (ppm)	28	~	~	~
Phenols (ppm)	0.72	~	~	~
Flashpoint (°F)	> 140°	75°F	~	~
Ignitability (Yes/No)	~	~	Yes	No
% Solids (%)	~	~	100	92.9
Total solids (%)	1.37	31.8	55.3	87.8
%ASH (%)	0.84	2.24	1.38	34.6
*BTU (BTU/lb)	☆	16700	15000	10800
*Total Halides (ppm)	ND	15000	160	6200
*Total Sulfur (ppm)	64	620	450	2700

ND - Indicates this parameter was Not Detected at the MDL.

~ Indicates this sample was not analyzed for.

☆ = No Value

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